



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003

TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt
 Output Set: N:\CRF4\07152003\I688286D.raw

See page 6

3 <110> APPLICANT: Willson, Tracey
 4 Nicola, Nicolle
 5 Hilton, Douglas
 6 Metcalf, Donald
 7 Zhang, Jian
 9 <12> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding

same

11 <13> FILE REFERENCE: 23199-215
 13 <14> CURRENT APPLICATION NUMBER: US 09/688,286D

C--> 14 <141> CURRENT FILING DATE: 2003-07-10

16 <15> PRIOR APPLICATION NUMBER: AU PN6135

17 <151> PRIOR FILING DATE: 1995-10-23

19 <150> PRIOR APPLICATION NUMBER: AU PNT276

20 <151> PRIOR FILING DATE: 1995-12-22

22 <15> PRIOR APPLICATION NUMBER: AU PP2208

23 <151> PRIOR FILING DATE: 1996-09-09

25 <16> NUMBER OF SEQ ID NOS: 12

27 <17> SOFTWARE: PatentIn version 3.1

29 <210> SEQ ID NO: 1

30 <211> LENGTH: 1680

31 <212> TYPE: DNA

32 <213> ORGANISM: Mus musculus

34 <220> FEATURE:

35 <221> NAME PPT: MIP

36 <222> LOCATI CN: MIP...MIP

37 <223> OTHER INFORMATION:

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 45 10 15
 46 Asp Gcc Aac Gtc Ggc Gaa Gtt Gcc Aca Gac Gaa Gtt Cag Gcc Gcc
 47 Thr Ala Thr Val Gly Gin Val Ala Ala Ala Thr Cys Val Gln Ile Ile
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/03
TIME: 07:51:12

Input Set: A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003
TIME: 07:17:52

Input Set : A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/688,286D

DATE: 07/17/01
TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

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216 Ser Phe Glu His Cln Asn Val Gin Ile Met Val Lys Asp Asn Ala Gly
217 195 200 205
218 Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val Lys
219 210 215 220
220 Pro Asp Pro Pro His Ile Lys His Leu Leu Lys Asn Gly Ala Leu
221 225 230 235 240
222 Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu Thr
223 245 250 255 260
224 Tyr Glu Val Glu Val Asn Asn Thr Gin Thr Asp Arg Hs Asn Ile Leu
225 260 265 270
226 Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn Met
227 275 280 285
228 Glu Gly Thr Ser Cys Phe Gin Leu Pro Gly Val Leu Ala Asp Ala Val
229 290 295 300
230 Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp Asp
231 305 310 315 320
232 Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly Lys Glu
233 325 330 335
234 Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro Val Phe
235 340 345 350
236 Val Ala Val Ala Val Ile Ile Leu Leu Phe Tyr Leu Lys Arg Leu Lys
237 355 360 365
238 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu
239 370 375 380
240 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp
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251 <400> NAME/KEY: CDS
252 <222> LOCATION: (61)..(1338)
253 <223> OTHER INFORMATION:
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003
TIME: 07:51:52

Input Set : A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

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| 301 | 35 | | | | 40 | | | | | 45 | | | | | | | |
| 303 | tgg | aca | tgg | aat | cca | ccc | gag | gta | gcc | agc | tca | aat | tgt | agt | cta | tgg | 252 |
| 304 | Trp | Thr | Trp | Asn | Pro | Pro | Glu | G.y | Ala | Ser | Ser | Asn | Cys | Ser | Leu | Trp | |
| 305 | 50 | | | | 55 | | | | | 60 | | | | | | | |
| 307 | tat | ttt | agt | cat | ttt | ggc | gac | aaa | caa | gat | aag | aaa | ata | gtt | ccg | gaa | 300 |
| 308 | Tyr | Phe | Ser | His | Phe | Gly | Asp | Lys | Gln | Asp | Lys | Lys | Ile | Ala | Pro | Glu | |
| 309 | 65 | | | | 70 | | | | | 75 | | | | | | 80 | |
| 311 | aat | cgt | cgt | tca | ata | gac | gtt | t.c | ctg | aat | gag | aug | att | tgt | ctg | caa | 348 |
| 312 | Thr | Arg | Arg | Ser | Ile | Glu | Val | Pro | Leu | Asn | Glu | Arg | Ile | Cys | Leu | Gln | |
| 313 | 35 | | | | 40 | | | | | 45 | | | | | | | |
| 314 | gtg | ggg | tcc | cag | tgt | atc | acc | aat | gag | agt | gag | aug | ctt | agg | att | tgg | 336 |
| 315 | Val | Gly | Ser | Gln | Cys | Ser | Thr | Asn | Glu | Ser | Glu | Lys | Pro | Ser | Ile | Leu | |
| 316 | 100 | | | | 105 | | | | | 110 | | | | | | | |
| 317 | gtt | gaa | aaa | tgc | atc | ccc | cca | gaa | ggt | gat | ctt | ggg | tct | gtt | gtt | gag | 444 |
| 318 | Val | Glu | Sys | Ile | Ser | Pro | Pro | Glu | Gly | Asp | Pro | Glu | Ser | Ala | Val | | |
| 319 | 115 | | | | 120 | | | | | 125 | | | | | | | |
| 320 | act | gaa | ctt | caa | tgc | att | tgg | ccg | aac | ctg | agc | tac | atg | aag | tgt | tct | 492 |
| 321 | Thr | Glu | Leu | Gln | Cys | Ile | Trp | His | Asn | Leu | Ser | Tyr | Met | Lys | Cys | Ser | |
| 322 | 130 | | | | 135 | | | | | 140 | | | | | | | |
| 323 | tgg | ctc | ctt | gga | aag | aat | acc | aat | ccc | gac | act | aac | aat | ctt | ctc | tac | 540 |
| 324 | Trp | Leu | Pro | Gly | Arg | Asn | Thr | Ser | Pro | Asp | Thr | Asn | Tyr | Thr | Leu | Tyr | |
| 325 | 145 | | | | 150 | | | | | 155 | | | | | | 160 | |
| 326 | tat | tgg | caa | aga | acc | ctg | gaa | aaa | att | cat | caa | tat | gaa | acc | atc | ttt | 588 |
| 327 | Tyr | Trp | His | Arg | Ser | Leu | Glu | Lys | Ile | His | Gln | Cys | Glu | Asn | Ile | Phe | |
| 328 | 165 | | | | 170 | | | | | 175 | | | | | | | |
| 329 | aga | gaa | ggc | caa | tac | ttt | ggt | tat | tcc | ttt | gat | ctg | acc | aaa | gtg | aag | 636 |
| 330 | Arg | Glu | Gly | Gln | Tyr | Phe | Gly | Cys | Ser | Phe | Asp | Leu | Thr | Lys | Val | Lys | |
| 331 | 180 | | | | 185 | | | | | 190 | | | | | | 195 | |
| 332 | gtt | atc | atg | ttt | gaa | caa | cac | atc | gtc | caa | ata | atg | gtc | aag | gtt | aat | 684 |
| 333 | Asp | Ser | Phe | Glu | Gln | His | Ser | Val | Gln | Ile | Met | Val | Lys | Asp | Asn | | |
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| 335 | gtt | ggc | aaa | att | aaa | aaa | tgc | tgt | tat | att | aaa | aaa | tat | ttt | ttt | ttt | 734 |
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| 337 | 210 | | | | 215 | | | | | 220 | | | | | | | |
| 338 | ttt | 744 |
| 339 | Val | Lys | Ile | Asp | Phe | Phe | Ile | Lys | Asn | Leu | Ser | Phe | Ile | Asn | Arg | | |
| 340 | 225 | | | | 230 | | | | | 235 | | | | | | 240 | |
| 341 | gac | cta | tat | gtg | caa | tgc | tgc | aat | cca | caa | aat | tat | att | acc | aaa | tgc | 818 |
| 342 | Asp | Leu | Tyr | Val | Gln | Trp | Glu | Asn | Pro | Gln | Asn | Phe | Ile | Ser | Arg | Cys | |
| 343 | 245 | | | | 250 | | | | | 255 | | | | | | | |
| 344 | cta | ttt | tat | gtg | caa | gtg | aat | cca | caa | aat | tat | att | acc | aaa | tgc | 874 | |
| 345 | Ile | Ile | Tyr | Ile | Val | Gln | Val | Asn | Ile | Asn | Ile | Ile | Thr | Gln | Thr | His | |
| 346 | 260 | | | | 265 | | | | | 270 | | | | | | | |

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003
TIME: 07:51:53

Input Set: A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 3
Seq#:10; Xaa Pos. 24
Seq#:11; Xaa Pos. 24

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/688,286D

DATE: 07/15/2003

TIME: 07:51:53

Input Set : A:\11373A.seqlist.txt
Output Set: N:\CRF4\07152003\I688286D.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16



1600

RAW SEQUENCE LISTING DATE: 07/10/2003
 PATENT APPLICATION: US/09/688,286D TIME: 11:05:02

Input Set : A:\11373A.seqlist.txt
 Output Set : N:\CRF4\07102003\I688286D.raw

2 <110> APPLICANT: Willson, Tracey
 3 Nicola, Nicos
 4 Hilton, Douglas
 5 Metcalf, Donald
 6 Xiang, Jian
 7
 8 <120> TITLE OF INVENTION: A novel haemopoietin receptor and genetic sequences encoding
 same
 11 <130> FILE REFERENCE: 13199-215
 13 <140> CURRENT APPLICATION NUMBER: US 09/688,286D
C--> 14 <141> CURRENT FILING DATE: 2000-10-13
 16 <150> PRIOR APPLICATION NUMBER: AU PN6135
 17 <151> PRIOR FILING DATE: 1995-10-23
 19 <150> PRIOR APPLICATION NUMBER: AU PN7276
 20 <151> PRIOR FILING DATE: 1995-12-22
 22 <150> PRIOR APPLICATION NUMBER: AU PP2208
 23 <151> PRIOR FILING DATE: 1996-09-09
 25 <160> NUMBER OF SEQ ID NOS: 12
 27 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

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 642 <211> LENGTH: 11
 643 <212> TYPE: PRT
 644 <213> ORGANISM: unknown
 645 <214> FEATURE:
 646 <215> OTHER INFORMATION: peptide motif found in many members of the haemopoietin
 receptor family
 648 family
 650 <400> SEQUENCE: 11
 652 Trp Ser Asp Trp Ser
 653 1 -
E--> 662 11 - / e e + e

VERIFICATION SUMMARY

PATENT APPLICATION: **US/09/688,286D**

DATE: 07/10/2003

TIME: 11:05:03

Input Set : **A:\11373A.seqlist.txt**

Output Set: **N:\CRF4\07102003\I688286D.raw**

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:37
L:288 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:286
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:662 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12